

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L2	15	(tun\$3 with laser) and (feedback or (feed near1 back)) and (wavelength near3 select\$3) and (zone near3 plate) and grating and (refractive near2 (index or indice))	USPAT	2005/04/04 09:42			
2	BRS	L3	17	(tun\$3 with laser) and (feedback or (feed near1 back)) and (zone near3 plate) and grating and (refractive near2 (index or indice))	USPAT	2005/04/04 08:57			
3	BRS	L4	0	(tun\$3 with laser) and (feedback or (feed near1 back)) and (zone near3 plate) and (rectilinear near2 grating) and (refractive near2 (index or indice))	USPAT	2005/04/04 08:57			
4	IS&R	L5	1	("20030133478").PN.	US-PGPUB; USPAT; USOCR	2005/04/04 09:42			

	Type	Hits	Search Text	DBs	Time Stamp	Comments
1	BRS	3146	plate and grating and control\$6 and (refractive near index)	USPAT	2004/08/13 11:09	
2	BRS	193	(zone near plate) and grating and control\$6 and (refractive near index)	USPAT	2003/10/06 10:39	
3	BRS	1022750	n	USPAT	2003/10/06 10:24	
4	IS&R	1	("6192059").PN.	USPAT; USOCR	2003/10/06 10:31	
5	BRS	1	laser and grating and (zone near plate) and waveguide and electrode and rectilinear	USPAT	2004/08/06 11:30	
6	BRS	88	laser and grating and (zone near plate) and electrode and (control or controlling)	USPAT	2003/10/06 14:45	
7	BRS	93	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling)	USPAT	2004/08/06 11:30	
8	BRS	65	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and filter	USPAT	2004/08/06 11:30	
9	BRS	27	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and SBN	USPAT	2003/10/06 14:53	
10	BRS	27	(laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and filter) and (laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and SBN)	USPAT	2003/10/07 06:48	
11	BRS	27	(laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and SBN) and (laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and SBN and waveguide) and (laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and filter)	USPAT	2003/10/06 14:53	
12	BRS	27	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and SBN and waveguide	USPAT	2003/10/07 13:45	
13	BRS	27	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and SBN and waveguide and filter	USPAT	2003/10/07 13:46	
14	BRS	27	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and SBN and waveguide and filter and refractive near index	USPAT	2003/10/07 14:01	
15	BRS	1	laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and electrode and (control or controlling) and SBN and waveguide	US-PGPUB; EPO; JPO; DERWENT	2003/10/07 14:01	
16	BRS	15	laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and electrode and (control or controlling) and SBN and waveguide	USPAT	2004/08/06 11:31	
17	BRS	15	laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and SBN and waveguide	USPAT	2003/10/07 14:06	
18	BRS	32	laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and waveguide	USPAT	2003/10/07 14:06	
19	BRS	17	(laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and waveguide ) not (laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and SBN and waveguide )	USPAT	2003/10/08 06:55	
20	BRS	15	(laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and (waveguide or active) and SBN)	USPAT	2003/10/08 06:55	
21	BRS	55	(laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and (waveguide or active))	USPAT	2004/08/06 11:31	
22	BRS	31	(tun\$6 and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and (waveguide or active))	USPAT	2003/10/08 10:58	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
23	BRS	27	(tun\$6 and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and (waveguide or active)) and filter	USPAT	2004/08/06 11:31	
24	BRS	41	tun\$6 and grating SAME ((Fresnel near1 zone near1 plate) or (Fresnel near1 diffraction near1 grating) or (Fresnel near1 lens)) and (control or controlling) and (waveguide or active) and filter AND LASER	USPAT	2003/10/08 11:09	
25	BRS	56	tun\$6 and grating SAME ((Fresnel near1 zone near1 plate) or (Fresnel near1 diffraction near1 grating) or (Fresnel near1 lens)) and (control or controlling) and (waveguide or active) and filter	USPAT	2003/10/09 14:56	
26	BRS	0	tun\$6 and grating SAME ((Fresnel near1 zone near1 plate) or (Fresnel near1 diffraction near1 grating) or (Fresnel near1 lens)) and (control or controlling) and (waveguide or active) and filter and (mode near2 control)	USPAT	2003/10/09 14:58	
27	BRS	6	tun\$6 and grating SAME ((Fresnel near1 zone near1 plate) or (Fresnel near1 diffraction near1 grating) or (Fresnel near1 lens)) and (control or controlling) and (waveguide or active) and filter and (mode near2 control\$5)	USPAT	2003/10/09 15:22	
28	BRS	10	(grating SAME ((Fresnel near1 zone near1 plate) or (Fresnel near1 diffraction near1 grating) or (Fresnel near1 lens))) and (waveguide or active) and (mode near2 control\$5)	USPAT	2003/10/09 15:22	
29	BRS	4	((grating SAME ((Fresnel near1 zone near1 plate) or (Fresnel near1 diffraction near1 grating) or (Fresnel near1 lens))) and (waveguide or active) and (mode near2 control\$5)) not (tun\$6 and grating SAME ((Fresnel near1 zone near1 plate) or (Fresnel near1 diffraction near1 grating) or (Fresnel near1 lens)) and (control or controlling) and (waveguide or active) and filter and (mode near2 control\$5))	USPAT	2003/10/09 15:23	
30	BRS	230	(zone with plate) and grating and control\$6 and (refractive near index)	USPAT	2004/08/06 11:30	
31	BRS	1	laser and grating and (zone near plate) and waveguide and electrode and rectilinear	USPAT	2004/08/06 11:31	
32	BRS	67	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling) and filter	USPAT	2004/08/06 11:31	
33	BRS	100	laser and grating and ((zone near plate) or (Fresnel near1 plate)) and electrode and (control or controlling)	USPAT	2004/08/06 11:31	
34	BRS	15	laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and electrode and (control or controlling) and SBN and waveguide	USPAT	2004/08/06 11:31	
35	BRS	32	(tun\$6 and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and (waveguide or active)) and filter	USPAT	2004/08/06 11:31	
36	BRS	64	(laser and (grating SAME ((zone near plate) or (Fresnel near1 plate))) and (control or controlling) and (waveguide or active))	USPAT	2004/08/06 11:31	
37	BRS	454	(barrier with (INAIAS or AlInAS))	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/08/09 07:35	
38	BRS	212	(barrier near2 (INAIAS or AlInAS))	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/08/09 07:36	
39	BRS	5	(barrier near2 (INAIAS or AlInAS)) and VCSEL	US-PGPUB; USPAT; EPO; JPO; DERWENT	2004/08/09 07:36	
40	BRS	103	laser and (zone near2 plate) and (wavelength near2 select\$5) and grating	USPAT	2004/08/13 11:10	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
41	BRS	81	laser and (zone near2 plate) and (wavelength near2 select\$5) and grating and (refract\$6 near2 (index or indice or indic))	USPAT	2004/08/13 11:12	
42	BRS	54	laser and (zone near2 plate) and ((wavelength near2 select\$5) same grating) and (refract\$6 near2 (index or indice or indic))	USPAT	2004/08/13 11:14	
43	BRS	50	laser and (zone near2 plate) and ((wavelength near2 select\$5) same grating) and (refract\$6 near2 (index or indice or indic)) and control\$4	USPAT	2004/08/13 11:14	
44	BRS	30	laser and (zone near2 plate) and ((wavelength near2 select\$5) same grating) and ((refract\$6 near2 (index or indice or indic)) same control\$4)	USPAT	2004/08/16 09:59	
45	BRS	30	laser and (zone near2 plate) and ((wavelength near2 select\$5) same grating) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4)	USPAT	2004/08/13 11:21	
46	BRS	20	(laser and (zone near2 plate) and ((wavelength near2 select\$5) same grating) and (refract\$6 near2 (index or indice or indic)) and control\$4) not (laser and (zone near2 plate) and ((wavelength near2 select\$5) same grating) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4))	USPAT	2004/08/13 11:15	
47	BRS	20	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4)	USPAT	2004/08/13 11:30	
48	BRS	18	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4) and (electro adj2 optic\$4)	USPAT	2004/08/13 14:14	
49	BRS	0	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4) and ((electro adj2 optic\$4) with (zone near2 plate))	USPAT	2004/08/13 11:35	
50	BRS	0	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4) and ((electro adj2 optic\$4) same (zone near2 plate))	USPAT	2004/08/13 11:38	
51	BRS	1	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((electro adj2 optic\$4) same (zone near2 plate))	USPAT	2004/08/13 11:44	
52	BRS	4	laser and ((zone near2 plate) same grating) and ((electro adj2 optic\$4) same (zone near2 plate))	USPAT	2004/08/13 11:44	
53	BRS	2	laser and ((zone near2 plate) same grating) and ((electro adj2 optic\$4) with (zone near2 plate))	USPAT	2004/08/13 11:44	
54	BRS	16	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4) and (electro adj2 optic\$4) and (tuning or tunable)	USPAT	2004/08/16 10:01	
55	BRS	17	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4) and ((tuning or tunable) near2 wavelength)	USPAT	2004/08/13 12:08	
56	BRS	18	laser and ((zone near2 plate) same grating) and (wavelength near2 select\$5) and ((refract\$6 near2 (index or indice or indic or indec)) same control\$4) and (tuning or tunable)	USPAT	2004/08/13 12:08	
57	BRS	32	laser and (zone near2 plate) and (frequenc\$4 near2 select\$5) and control\$4 and (electric\$4 near field)	USPAT	2004/08/13 14:15	
58	BRS	32	laser and (zone near2 plate) and (frequenc\$4 near2 select\$5) and control\$4 and (electric\$4 near3 field)	USPAT	2005/04/01 17:39	
59	BRS	2	laser and (frequenc\$4 near2 select\$5) and control\$4 and ((electric\$4 near3 field) with (zone near2 plate))	USPAT	2004/08/13 14:59	
60	BRS	2	laser and (frequenc\$4 near2 select\$5) and control\$4 and ((electric\$4 near3 field) same (zone near2 plate)) and (tun\$6)	USPAT	2005/04/01 17:39	

	Type	Hits	Search Text	DBs	Time Stamp	Comments
61	BRS	0	laser and (frequenc\$4 near2 select\$5) and control\$4 and ((electric\$4 near3 field) same (zone near2 plate)) and (tun\$6) and feedback	USPAT	2005/04/01 17:39	
62	BRS	27	laser and (zone near2 plate) and (frequenc\$4 near2 select\$5) and control\$4 and (electric\$4 near3 field) and feedback	USPAT	2005/04/01 17:39	